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 PATENT & TRANSLATION OFFICE

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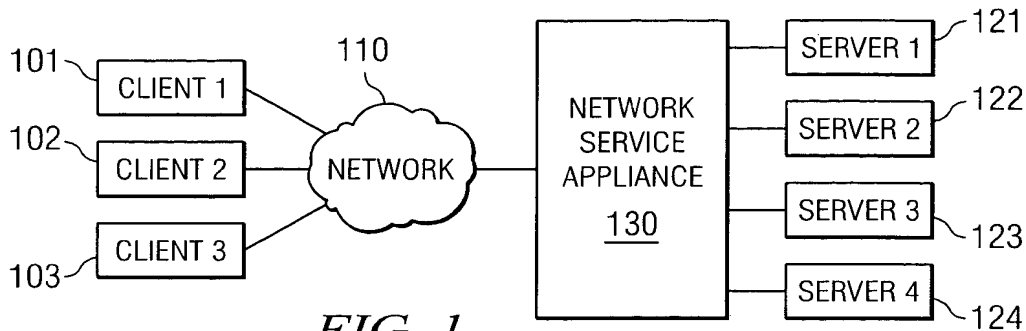


FIG. 1  
 (PRIOR ART)

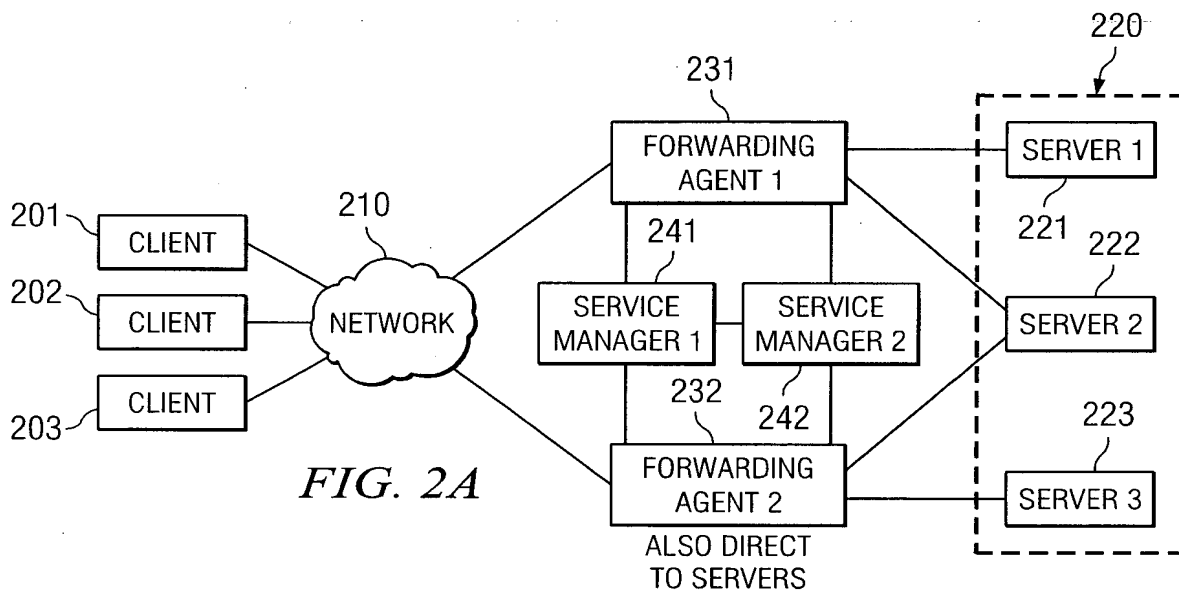


FIG. 2A

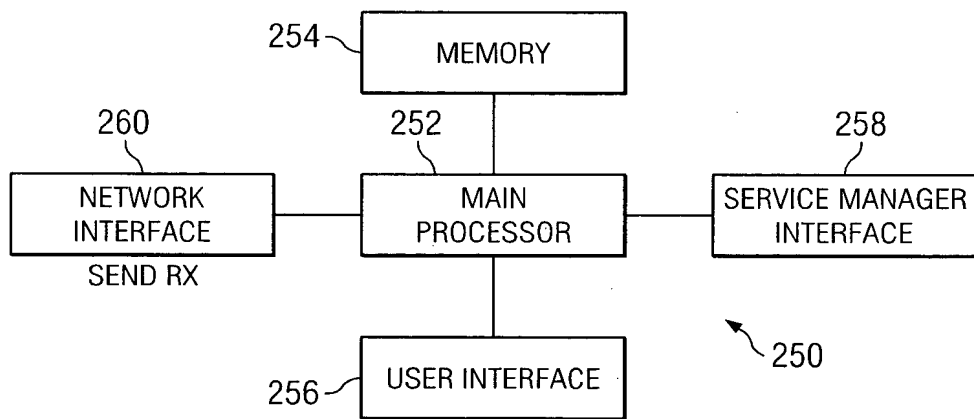


FIG. 2B



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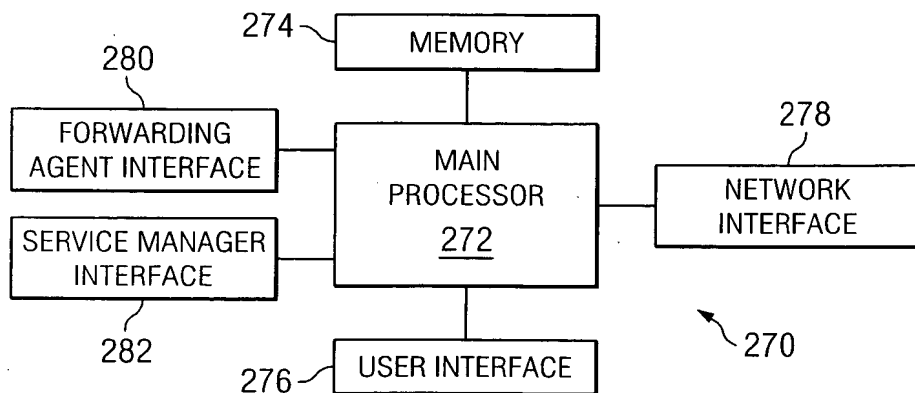


FIG. 2C

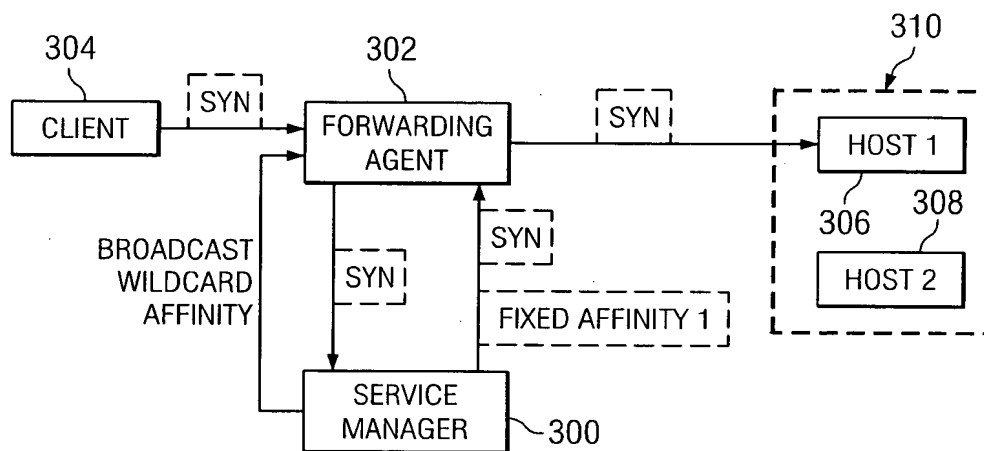


FIG. 3A

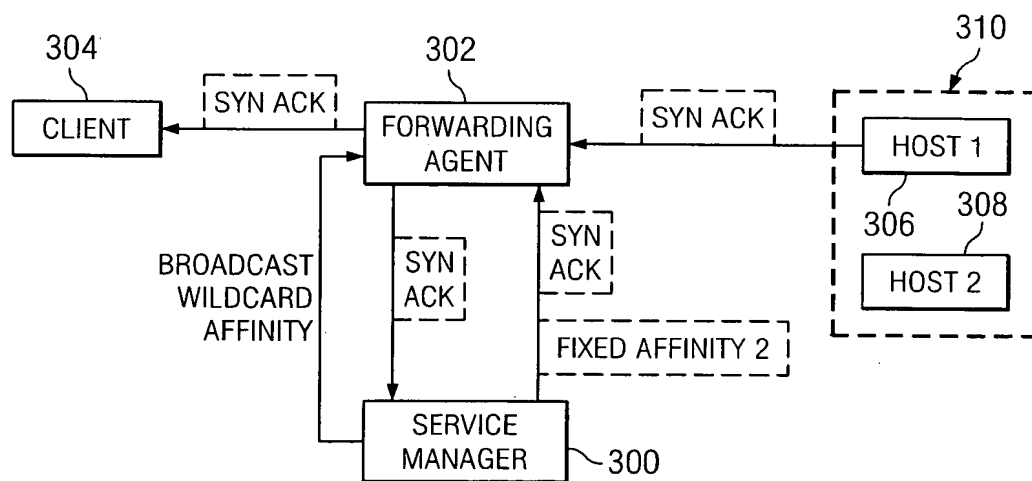


FIG. 3B



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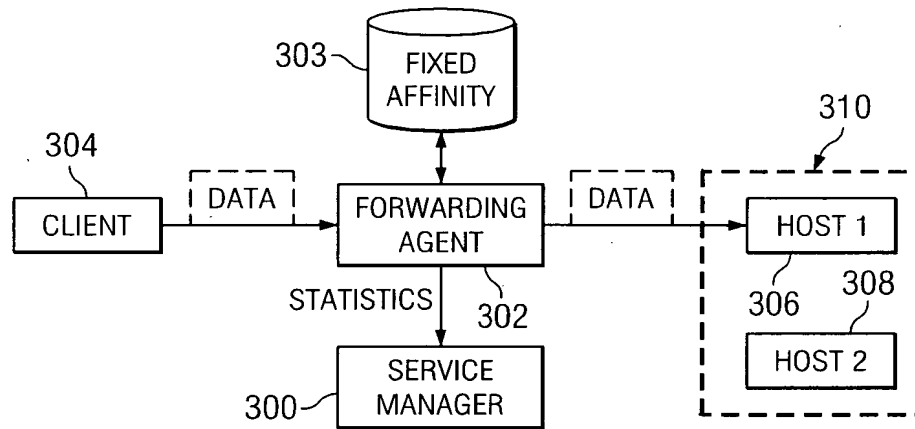


FIG. 3C

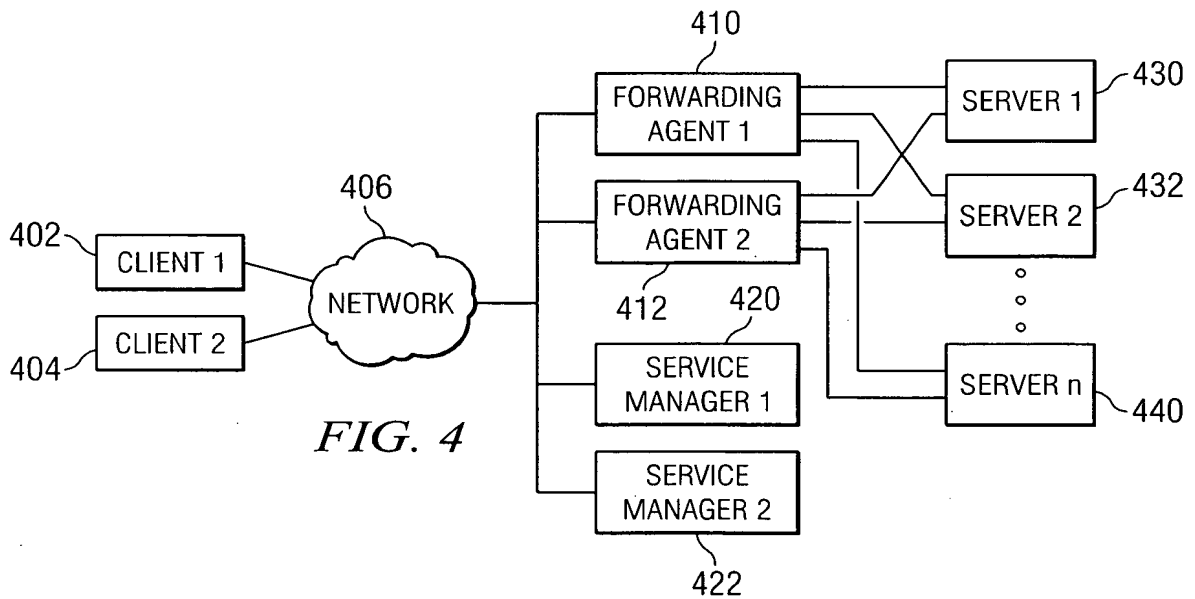


FIG. 4

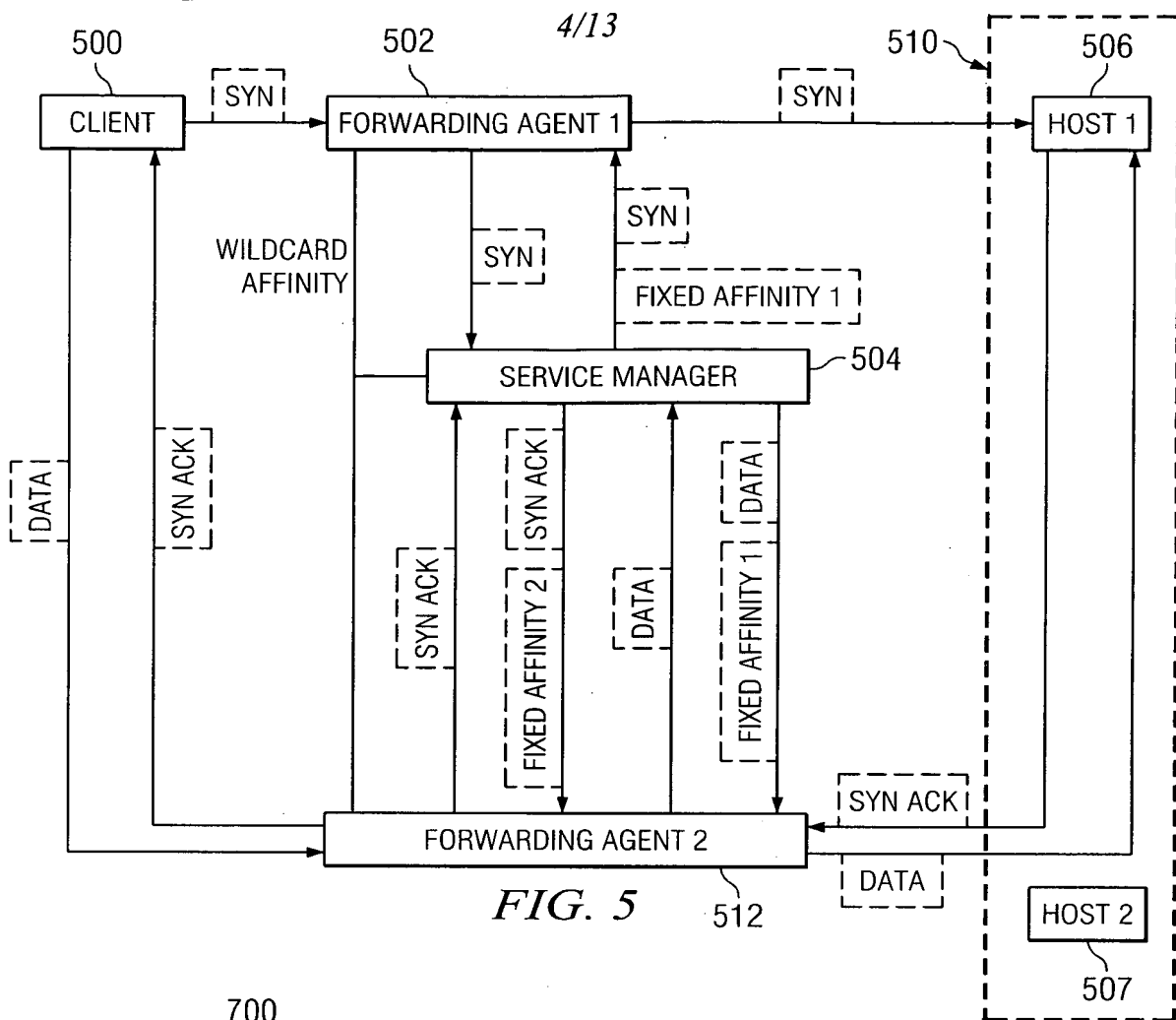
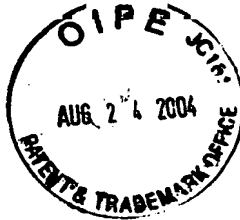


FIG. 5

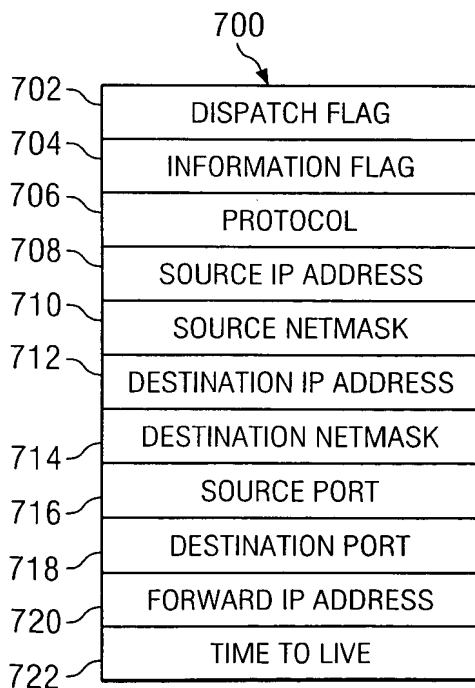


FIG. 7

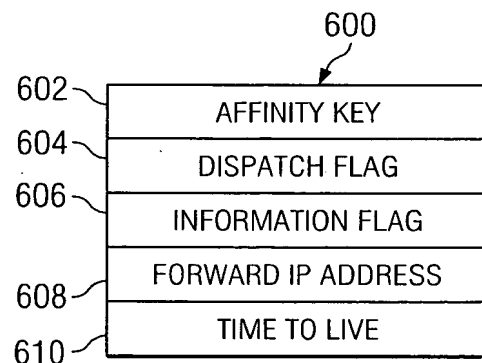
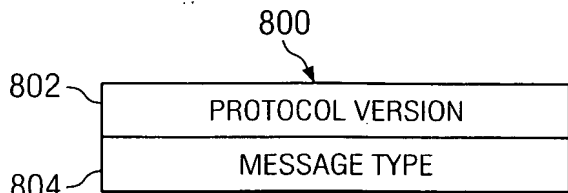


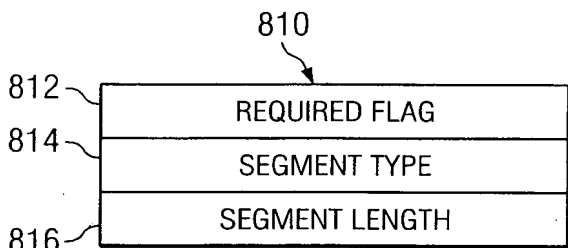
FIG. 6



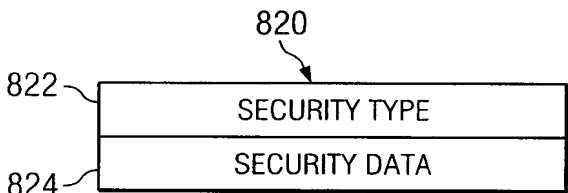
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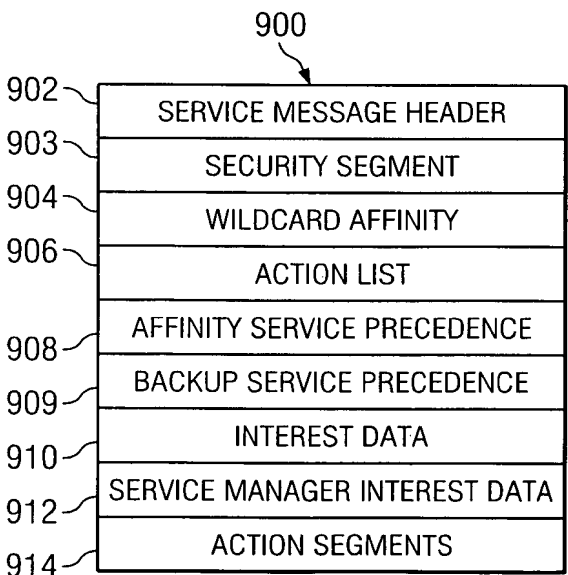
*FIG. 8A*



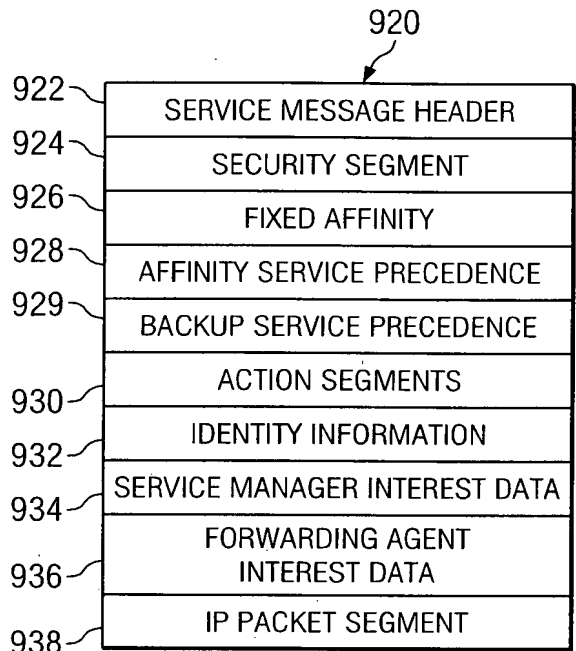
*FIG. 8B*



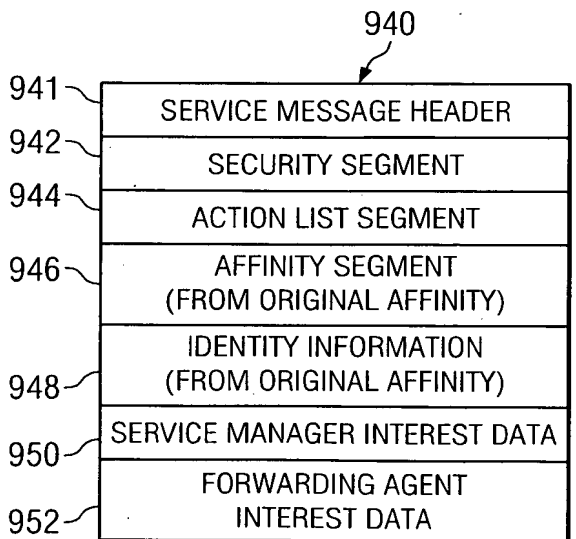
*FIG. 8C*



*FIG. 9A*



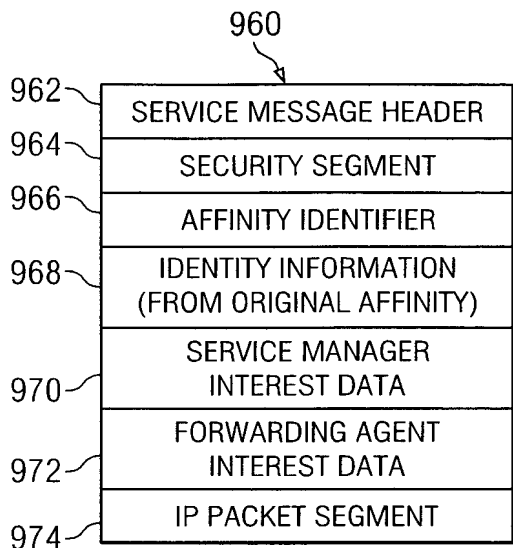
*FIG. 9B*



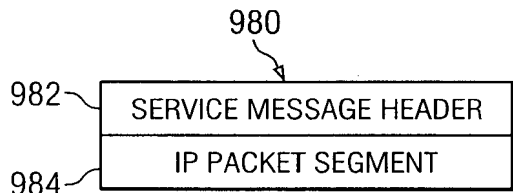
*FIG. 9C*



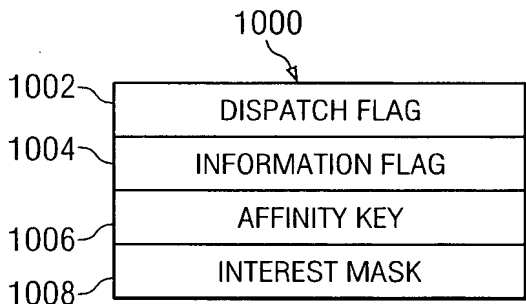
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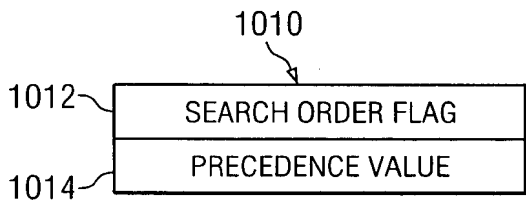
*FIG. 9D*



*FIG. 9E*



*FIG. 10A*



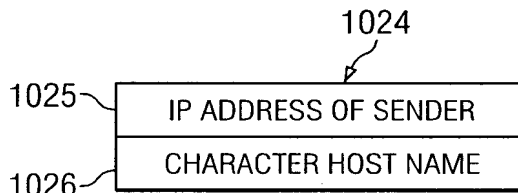
*FIG. 10B*



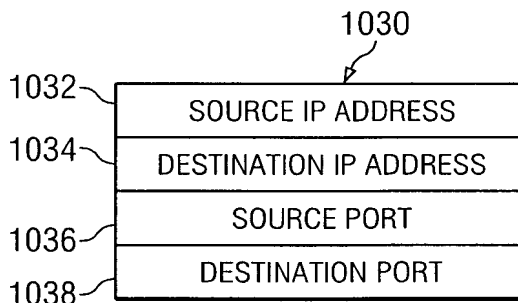
*FIG. 10C*



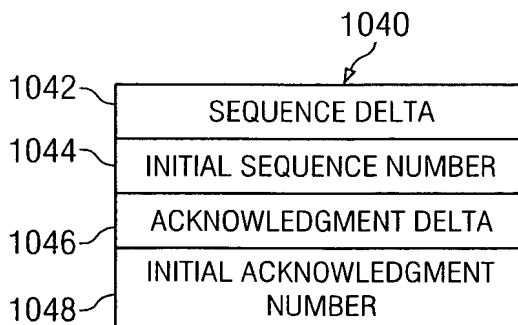
*FIG. 10D*



*FIG. 10E*



*FIG. 10F*



*FIG. 10G*



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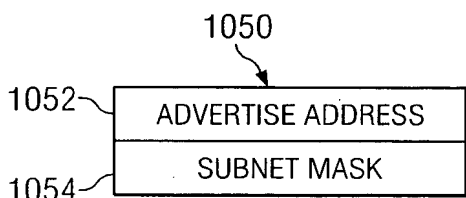


FIG. 10H

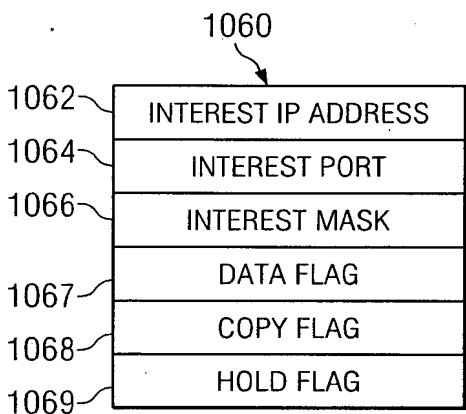


FIG. 10I

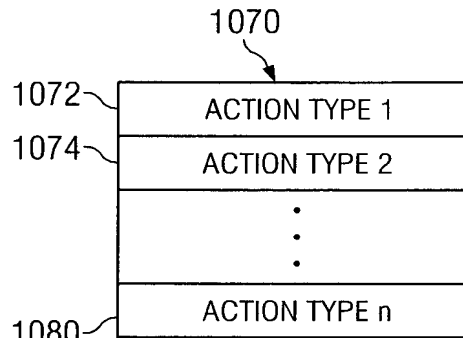


FIG. 10J

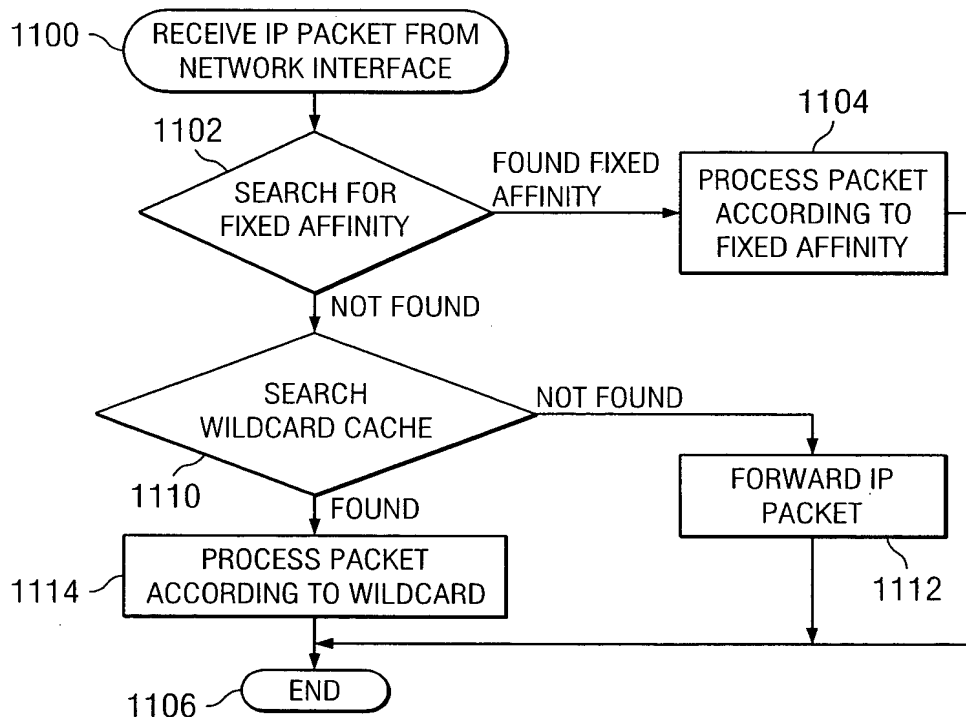


FIG. 11



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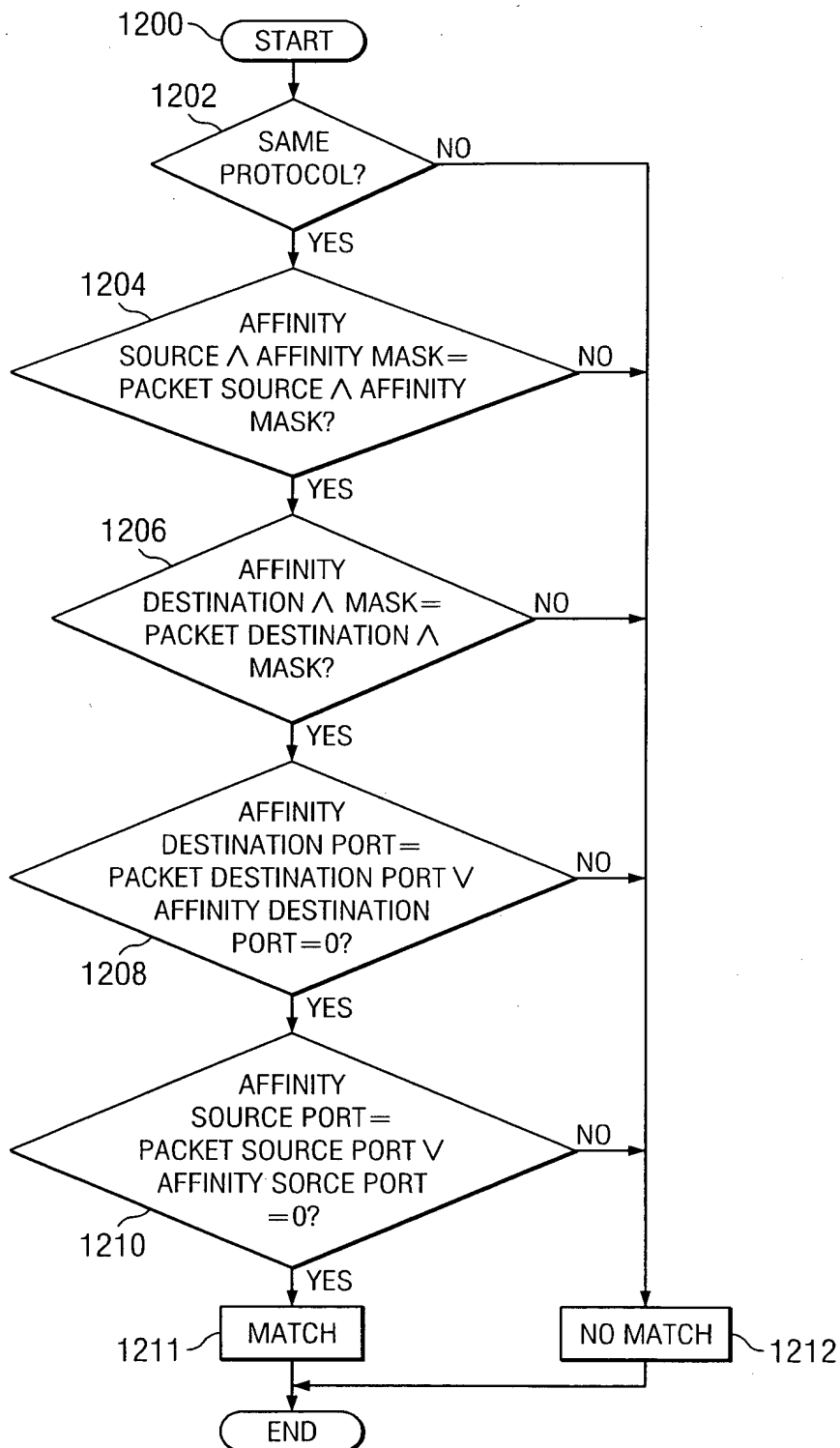
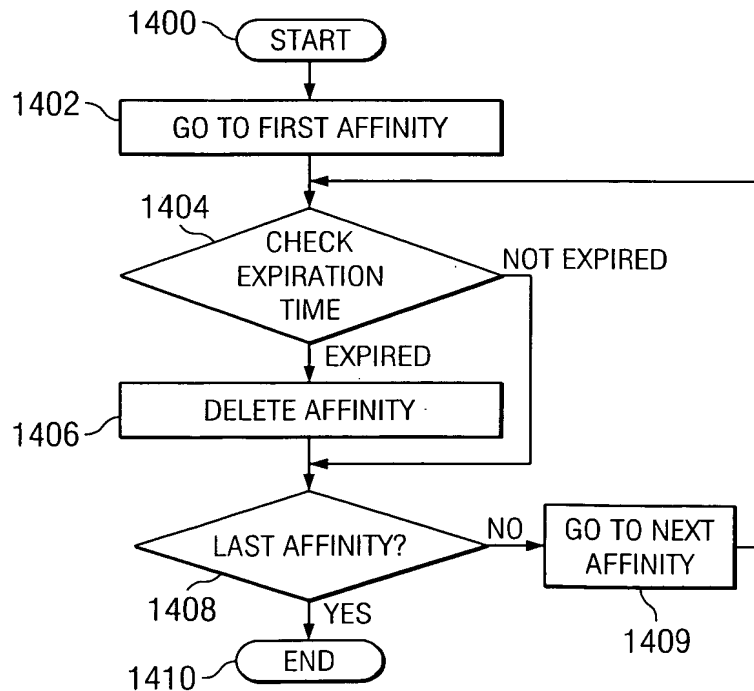
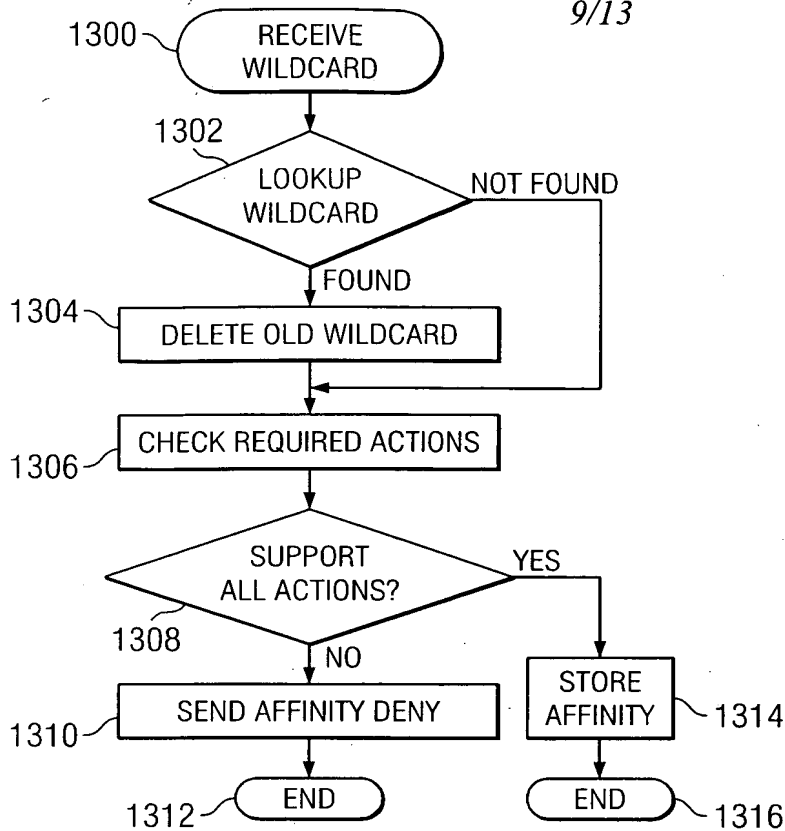


FIG. 12



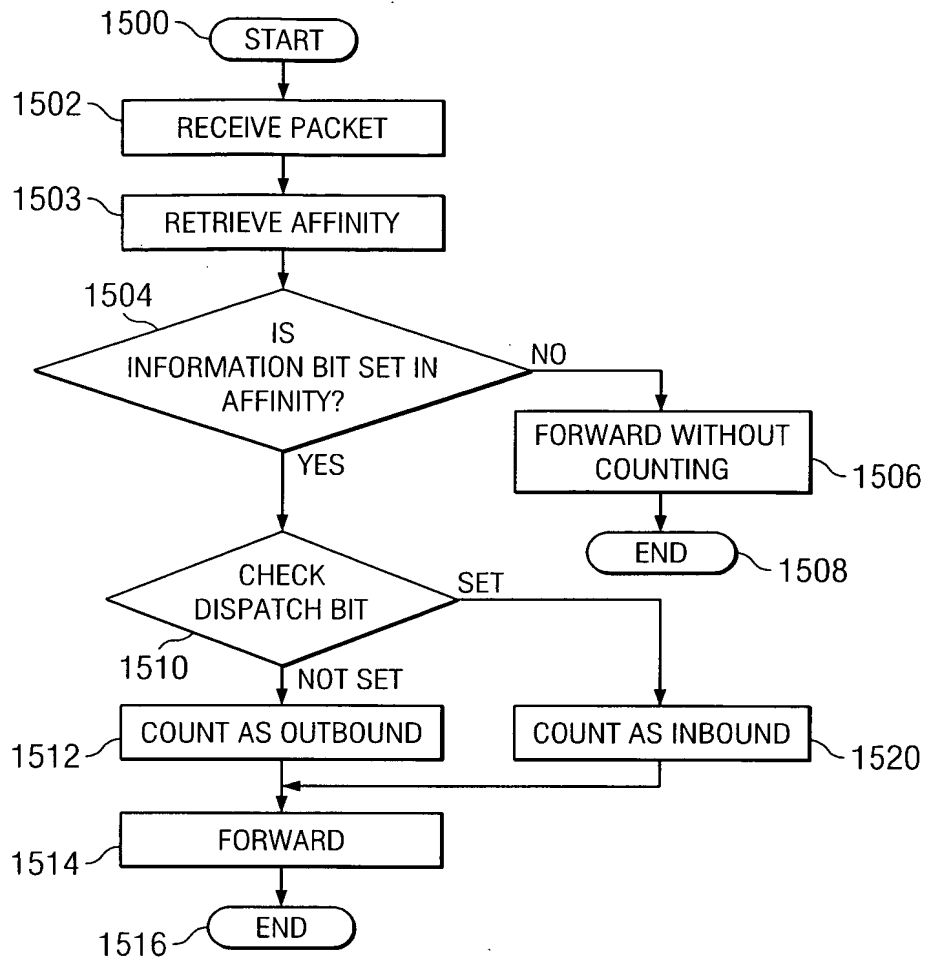


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*FIG. 15*

FORWARDING ADDRESS	INFORMATION	DISPATCH	ACTION
X	0	X	DISPATCH
X	X	0	COUNT OUTBOUND
X	X	X	COUNT INBOUND; DISPATCH
0	X	X	COUNT; DROP
0	0	X	DROP

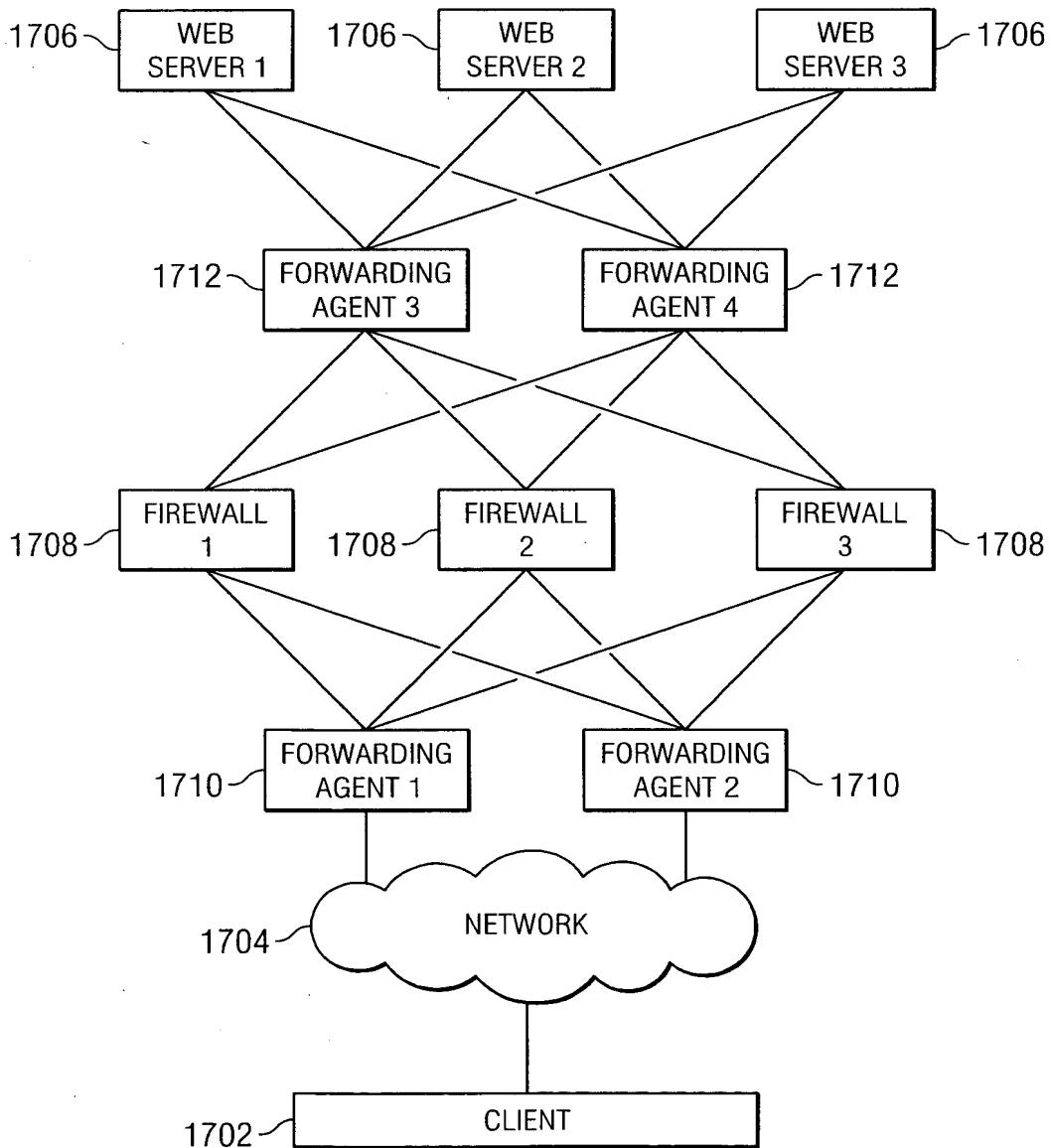
*FIG. 16A*



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NAT ADDRESS	INFORMATION	DISPATCH	ACTION
X	X	X	COUNT INBOUND
X	X	0	COUNT OUTBOUND
X	0	—	DO NOT COUNT

*FIG. 16B*



*FIG. 17*



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TIER 1 FORWARDING AGENTS
FORWARDING AGENT 1
FORWARDING AGENT 2

*FIG. 18A*

TIER 2 APPLIANCES
SERVER 1
SERVER 2
SERVER 3

*FIG. 18D*

TIER 2 FORWARDING AGENTS
FORWARDING AGENT 3
FORWARDING AGENT 4

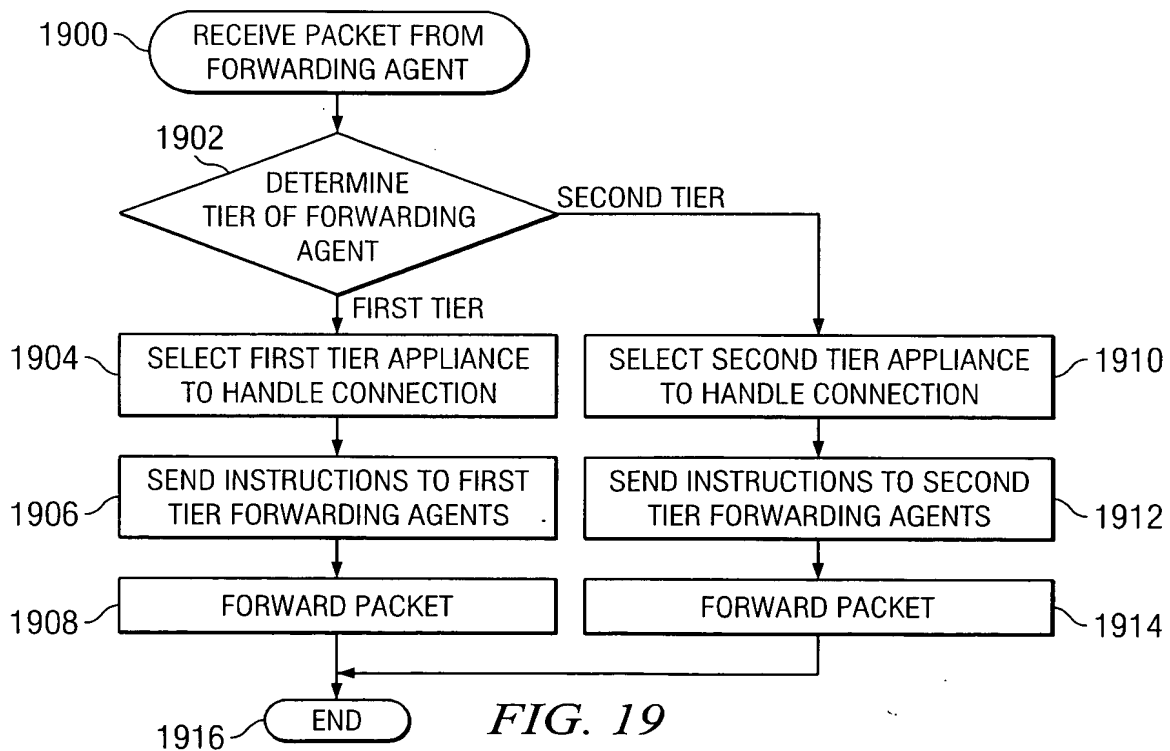
*FIG. 18B*

TIER 1 APPLIANCES
FIREWALL 1
FIREWALL 2
FIREWALL 3

*FIG. 18C*

PROTOCOL
CLIENT IP ADDRESS
CLIENT PORT
SERVER IP ADDRESS
SERVER PORT
TIER 1 SERVER
⋮
TIER N SERVER

*FIG. 18E*



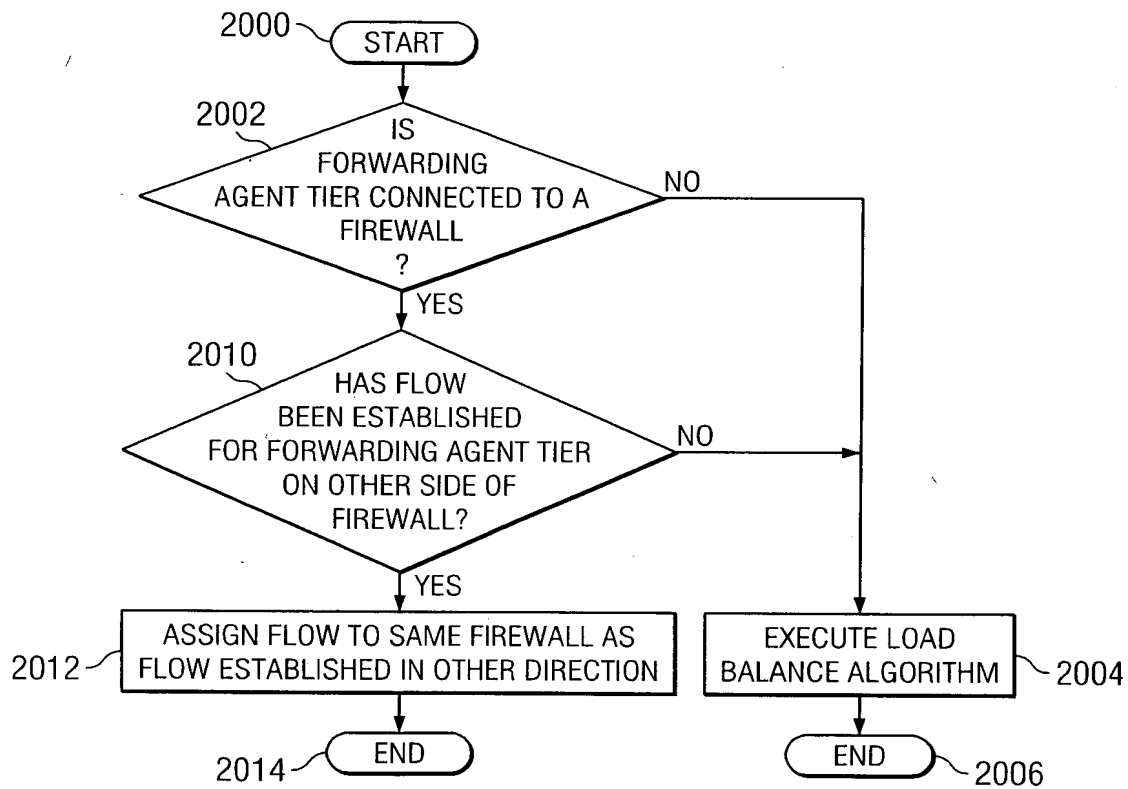


FIG. 20